

Section - A

Multiple Choice Questions (MCQ'S)

Q.1 Choose the correct answer for each from the given options.

- According to Einstein's Quantum Theory light travel in the form of:
(a) Waves (b) Corpuscles (c) Energy Packets (d) None of these
- At S.T.P pure water boils at:
(a) 0 K (b) 100 K (c) 273 K (d) 373 K
- S.I unit of tension in a string is:
(a) Pound (b) Newton (c) Kilogram (d) Joule
- Right hand rule is used to find the direction of:
(a) Magnetic Field (b) Current
(c) Force (d) Voltage
- _____ is concerned with the structure and properties of an atom.
(a) Bio-Physics (b) Plasma Physics
(c) Atomic Physics (d) Nuclear Physics
- Dr. Abdul Qadeer Khan contributed in making Pakistan a _____ State.
(a) Islamic (b) Nuclear (c) Democracy (d) Welfare
- _____ is the first equation of motion.
(a) $V_f^2 = V_i^2 + 2aS$ (b) $V_f = V_i + at$
(c) $S = v_i t + \frac{1}{2}at^2$ (d) $V_f^2 = V_i^2 + 2aS$
- The capability of a force to rotate a body about a point is called _____.
(a) Couple (b) Torque (c) Equilibrium (d) Motion
- The mass of Earth may be determined with the help of _____ law of Universal Gravitation.
(a) Boyle's (b) Newton's (c) Charles's (d) Coulomb's
- One form of energy can be converted into another form of energy but total amount of energy remains _____.
(a) Motion (b) Rest (c) Constant (d) None of these
- A strong wooden or metallic bar, which can be rotated about a point is called a _____.
(a) Load (b) Effort (c) Lever (d) Fulcrum
- The atmosphere is the blanket of air around the Earth. It extends up to about _____ above the surface of the Earth.
(a) 1000 Km (b) 1500 Km (c) 2000 Km (d) 2500 Km
- _____ is the force that pushes an object immersed in a liquid in the upward direction.
(a) Buoyant Force (b) K.E (c) P.E (d) Viscosity
- Heat is the form of _____.
(a) Energy (b) Work (c) Wave (d) Sound
- A _____ is a piece of transparent material.
(a) Lens (b) Fibers (c) Wood (d) Plastics
- The sound heard after reflection from a surface is called an _____.
(a) Echo (b) Pitch (c) Loudness (d) Quality
- "G" is called _____.
(a) Gravitational Acceleration (b) Gravitational Force
(c) Gravitational Constant (d) None of these